

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	413	(560/224).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/15 09:49
L2	3	"60208974"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L3	23752	glycidyl adj methacrylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L4	18179	dioxolane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L5	23752	glycidyl adj methacrylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L6	18179	dioxolane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L7	98	L5 same L6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L8	166338	ion adj exchange	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L9	98	L5 same L6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L10	166338	ion adj exchange	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L11	2	("6610895").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/15 09:49

EAST Search History

L12	2	L9 same L10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L13	13	L9 and L10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L14	23752	glycidyl adj methacrylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L15	18179	dioxolane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L16	98	L5 same L6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L17	166338	ion adj exchange	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L18	589	glyceryl adj methacrylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L19	589	glyceryl adj methacrylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L20	35	L6 and L19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L21	18179	dioxolane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L22	589	glyceryl adj methacrylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L23	1	L6 same L19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:51

EAST Search History

L24	18179	dioxolane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L25	589	glyceryl adj methacrylate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L26	5	"2003006417"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L27	8	"9007547"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/15 09:49
L28	3	("7002035").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/15 10:53
L29	546	(523/106).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/15 10:53

Connecting Via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *

SESSION RESUMED IN FILE 'HOME' AT 07:59:53 ON 15 JUN 2007

FILE 'HOME' ENTERED AT 07:59:53 ON 15 JUN 2007

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 08:00:06 ON 15 JUN 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 14 JUN 2007 HIGHEST RN 937362-79-3

DICTIONARY FILE UPDATES: 14 JUN 2007 HIGHEST RN 937362-79-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006.

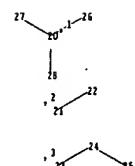
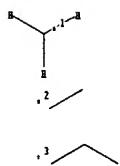
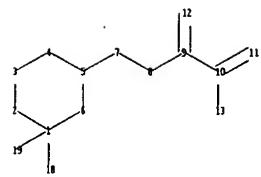
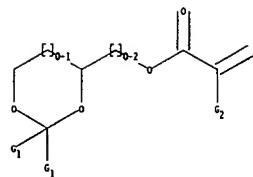
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10567361\10567361 core intermediate.str



```

chain nodes :
7 8 9 10 11 12 13 18 19 20 21 22 23 24 25 26 27 28
ring nodes :
1 2 3 4 5 6
chain bonds :
1-18 1-19 5-7 7-8 8-9 9-10 9-12 10-11 10-13 20-26 20-27 20-28 21-22
23-24 24-25
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-2 1-6 1-18 1-19 2-3 3-4 4-5 5-6 7-8 8-9 9-12 10-13
exact bonds :
5-7 9-10 10-11 20-26 20-27 20-28 21-22 23-24 24-25

```

G1:[*1],[*2],[*3]

G2:CH3,H

Hydrogen count :

4:>= minimum 2 11:>= minimum 2 20:>= minimum 3 21:>= minimum 2 22:>= minimum 3
23:>= minimum 2 24:>= minimum 2 25:>= minimum 3

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS
23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> search l1 sss sam

SAMPLE SEARCH INITIATED 08:00:36 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1881 TO ITERATE

100.0% PROCESSED 1881 ITERATIONS
SEARCH TIME: 00.00.01

12 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 35019 TO 40221

PROJECTED ANSWERS: 33 TO 447

L2 12 SEA SSS SAM L1

=> d scan

L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

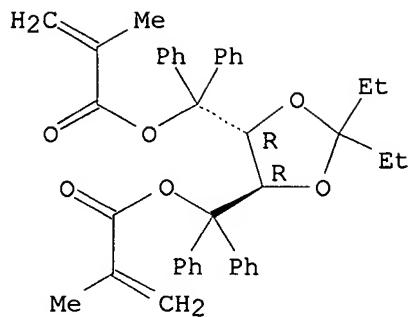
IN 2-Propenoic acid, 2-methyl-, (2,2-diethyl-1,3-dioxolane-4,5-diy1)bis(diphenylmethylen) ester, (2R-trans)-, homopolymer, isotactic (9CI)

MF (C41 H42 O6)x

CI PMS

CM 1

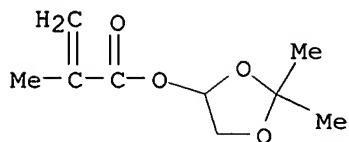
Absolute stereochemistry. Rotation (-).



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):12

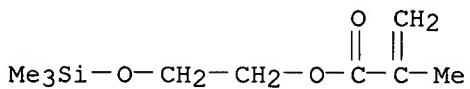
L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, 2,2-dimethyl-1,3-dioxolan-4-yl ester,
 homopolymer (9CI)
 MF (C9 H14 O4)x
 CI PMS

CM 1

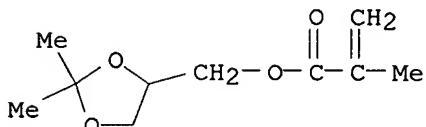


L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,
 polymer with 1,1-dimethylethyl 2-propenoate, 2-methyl-1,3-butadiene and
 2-[(trimethylsilyl)oxy]ethyl 2-methyl-2-propenoate, tetrablock (9CI)
 MF (C10 H16 O4 . C9 H18 O3 Si . C7 H12 O2 . C5 H8)x
 CI PMS

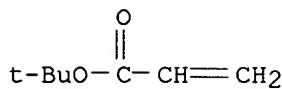
CM 1



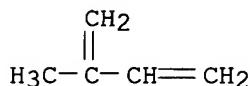
CM 2



CM 3

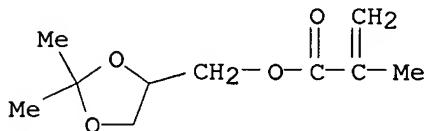


CM 4

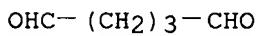


L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,
polymer with methyl 2-methyl-2-propenoate, methyl 2-propenoate and
pentanedial (9CI)
MF (C10 H16 O4 . C5 H8 O2 . C5 H8 O2 . C4 H6 O2)x
CI PMS

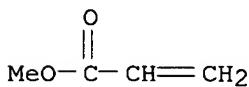
CM 1



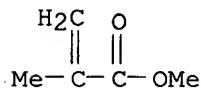
CM 2



CM 3



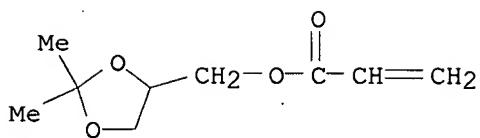
CM 4



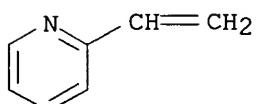
L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acrylic acid, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester, polymer with
2-vinylpyridine (8CI)
MF (C9 H14 O4 . C7 H7 N)x

CI PMS

CM 1



CM 2



L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

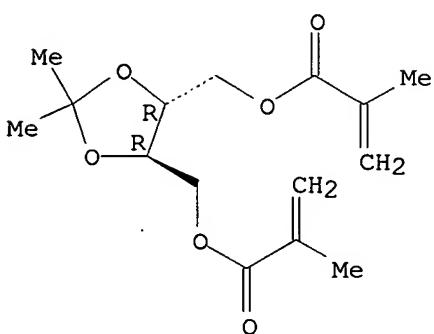
IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolane-4,5-diyil)bis(methylene) ester, (4R-trans)-, polymer with ethenylbenzene (9CI)

MF (C15 H22 O6 . C8 H8)x

CI PMS

CM 1

Absolute stereochemistry.



CM 2

H2C=CH-Ph

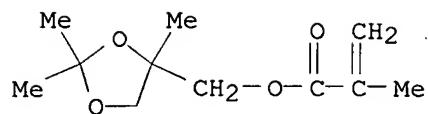
L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester, polymer with 2(or 3)-[(2-ethylhexyl)oxy]-1,?-propanediol mono(2-methyl-2-propenoate), (2,2,4-trimethyl-1,3-dioxolan-4-yl)methyl 2-methyl-2-propenoate and 1,2,3-propanetriol bis(2-methyl-2-propenoate) (9CI)

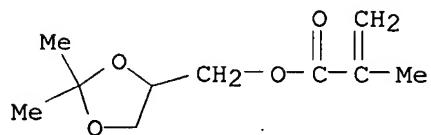
MF (C15 H28 O4 . C11 H18 O4 . C11 H16 O5 . C10 H16 O4)x

CI PMS

CM 1

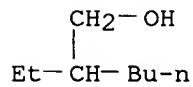


CM 2

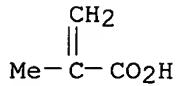


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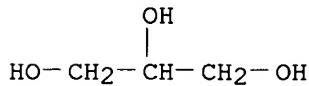
CM 4



CM 5

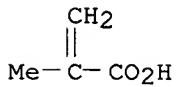


CM 6

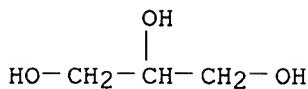


CM 7

CM 8

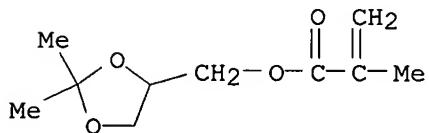


CM 9

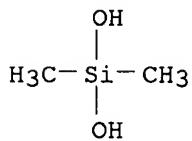


L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,
 polymer with dimethylsilanol, block (9CI)
 MF (C10 H16 O4 . C2 H8 O2 Si)x
 CI PMS

CM 1

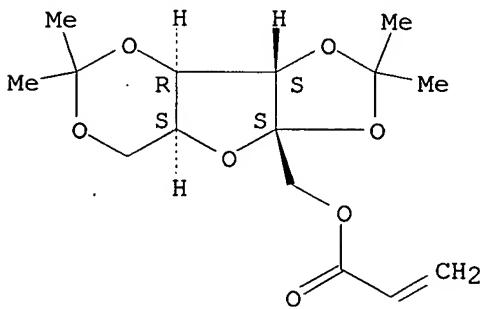


CM 2



L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN α -L-Sorbofuranose, 2,3:4,6-bis-O-(1-methylethylidene)-, 2-propenoate
 (9CI)
 MF C15 H22 O7
 CI COM

Absolute stereochemistry.

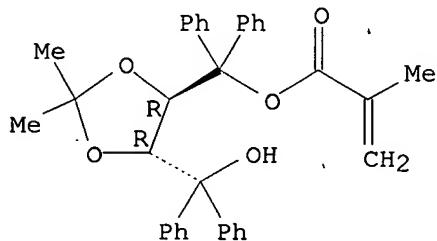


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, [(4R,5R)-5-(hydroxydiphenylmethyl)-2,2-

dimethyl-1,3-dioxolan-4-yl]diphenylmethyl ester (9CI)
MF C35 H34 O5

Absolute stereochemistry. Rotation (-).

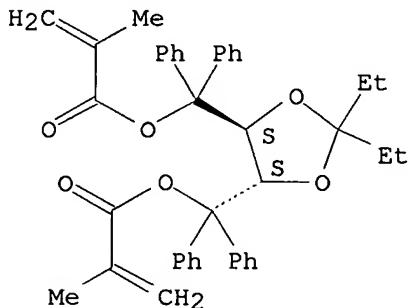


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

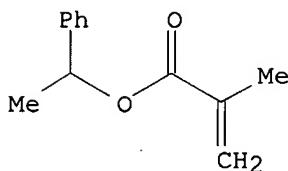
L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 2-Propenoic acid, 2-methyl-, (2,2-diethyl-1,3-dioxolan-4,5-diyil)bis(diphenylmethylene) ester, trans-, polymer with 1-phenylethyl 2-methyl-2-propenoate (9CI)
MF (C41 H42 O6 . C12 H14 O2)x
CI PMS

CM 1

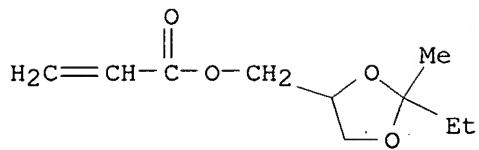
Relative stereochemistry.



CM 2



L2 12 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 2-Propenoic acid, (2-ethyl-2-methyl-1,3-dioxolan-4-yl)methyl ester
MF C10 H16 O4
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> search 11 sss full

FULL SEARCH INITIATED 08:02:04 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 36943 TO ITERATE

100.0% PROCESSED 36943 ITERATIONS
SEARCH TIME: 00.00.01

265 ANSWERS

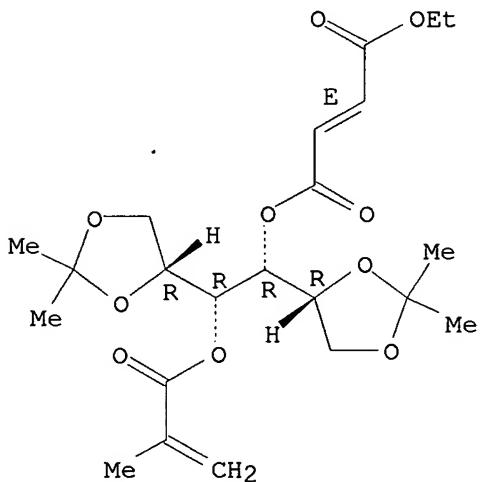
L3 265 SEA SSS FUL L1

=> d scan

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN D-Mannitol, 1,2:5,6-bis-O-(1-methylethylidene)-, ethyl (2E)-2-butenedioate
2-methyl-2-propenoate (9CI)
MF C22 H32 O10
CI COM

Absolute stereochemistry.

Double bond geometry as shown.



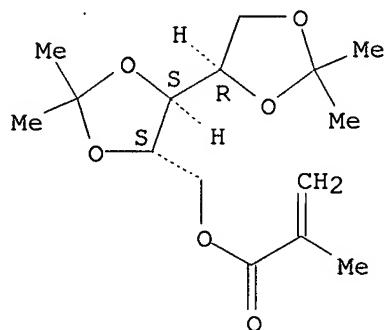
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):30

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Xylitol, 1,2:3,4-bis-O-(1-methylethylidene)-, 2-methyl-2-propenoate (9CI)
MF C15 H24 O6

CI COM

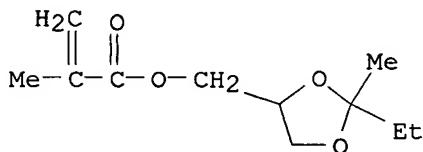
Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

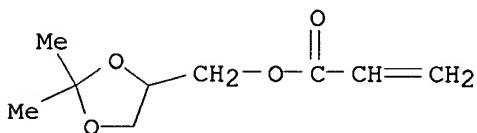
L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 2-Propenoic acid, 2-methyl-, (2-ethyl-2-methyl-1,3-dioxolan-4-yl)methyl ester, homopolymer (9CI)
MF (C11 H18 O4)x
CI PMS

CM 1

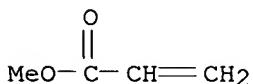


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 2-Propenoic acid, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester, polymer with methyl 2-propenoate, block (9CI)
MF (C9 H14 O4 . C4 H6 O2)x
CI PMS

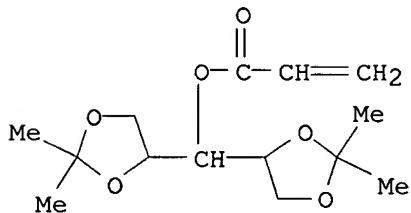
CM 1



CM 2

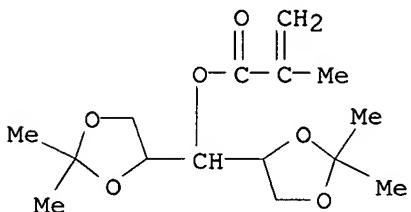


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Xylitol, 1,2:4,5-bis-O-(1-methylethylidene)-, 2-propenoate (9CI)
MF C14 H22 O6



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

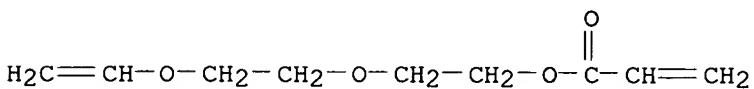
L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Xylitol, 1,2:4,5-bis-O-(1-methylethylidene)-, 2-methyl-2-propenoate (9CI)
MF C15 H24 O6
CI COM



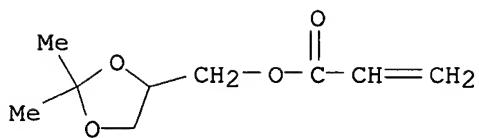
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 2-Propenoic acid, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester, polymer
with 2-[2-(ethenylxyloxy)ethoxy]ethyl 2-propenoate (9CI)
MF (C9 H14 O4 . C9 H14 O4)x
CI PMS

CM 1

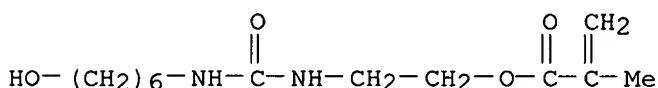


CM 2

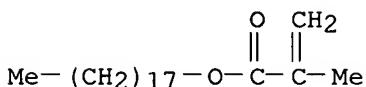


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, 2,2-dimethyl-1,3-dioxolan-4-yl ester, polymer with 2-[[[(6-hydroxyhexyl)amino]carbonyl]amino]ethyl 2-methyl-2-propenoate and octadecyl 2-methyl-2-propenoate (9CI)
 MF (C22 H42 O2 . C13 H24 N2 O4 . C9 H14 O4)x
 CI PMS

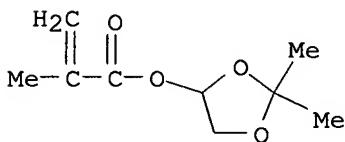
CM 1



CM 2

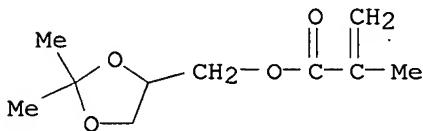


CM 3

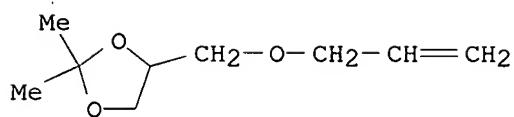


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester, polymer with 2,2-dimethyl-4-[(2-propenoxy)methyl]-1,3-dioxolane, dodecyl 2-methyl-2-propenoate, 2-hydroxyethyl 2-methyl-2-propenoate, methyl 2-methyl-2-propenoate and 2-propenyl 2-methyl-2-propenoate (9CI)
 MF (C16 H30 O2 . C10 H16 O4 . C9 H16 O3 . C7 H10 O2 . C6 H10 O3 . C5 H8 O2)x
 CI PMS

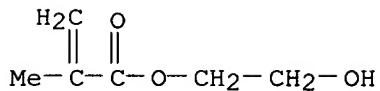
CM 1



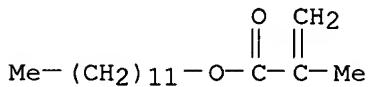
CM 2



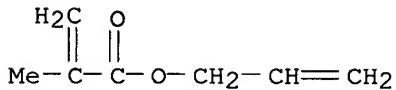
CM 3



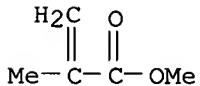
CM 4



CM 5

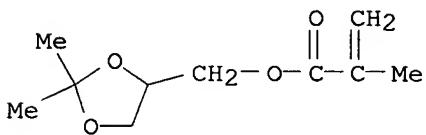


CM 6

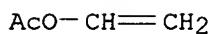


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,
polymer with ethenyl acetate, triblock (9CI)
MF (C10 H16 O4 . C4 H6 O2)x
CI PMS

CM 1

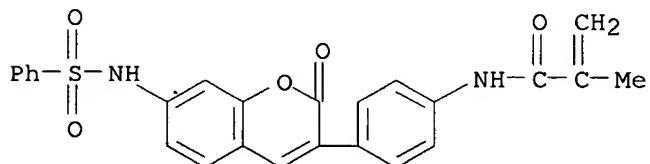


CM 2

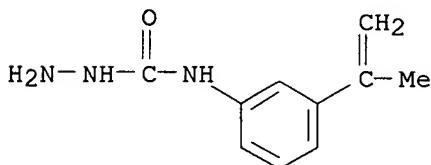


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,
polymer with N-[3-(1-methylethethyl)phenyl]hydrazinecarboxamide,
2-methyl-N-[4-[2-oxo-7-[(phenylsulfonyl)amino]-2H-1-benzopyran-3-
yl]phenyl]-2-propenamide and octadecyl 2-methyl-2-propenoate (9CI)
MF (C₂₅ H₂₀ N₂ O₅ S . C₂₂ H₄₂ O₂ . C₁₀ H₁₆ O₄ . C₁₀ H₁₃ N₃ O)x
CI PMS

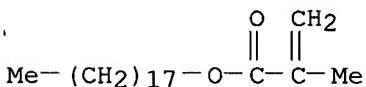
CM 1



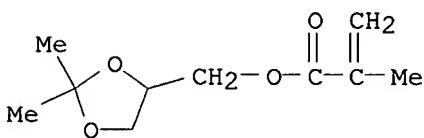
CM 2



CM 3



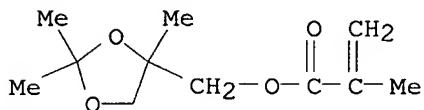
CM 4



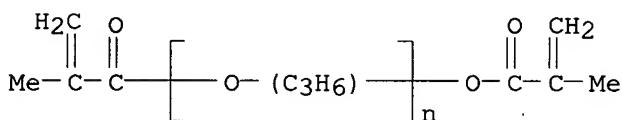
L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,
polymer with dodecyl 2-methyl-2-propenoate, ethenyl acetate,

2-hydroxyethyl 2-methyl-2-propenoate, α -(2-methyl-1-oxo-2-propenyl)-
 ω -[(2-methyl-1-oxo-2-propenyl)oxy]poly[oxy(methyl-1,2-ethanediyl)]
 and (2,2,4-trimethyl-1,3-dioxolan-4-yl)methyl 2-methyl-2-propenoate (9CI)
 MF (C₁₆ H₃₀ O₂ . C₁₁ H₁₈ O₄ . C₁₀ H₁₆ O₄ . C₆ H₁₀ O₃ . C₄ H₆ O₂ . (C₃ H₆ O)_n
 C₈ H₁₀ O₃)_x
 CI PMS

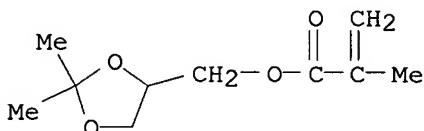
CM 1



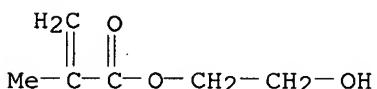
CM 2



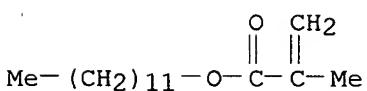
CM 3



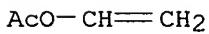
CM 4



CM 5

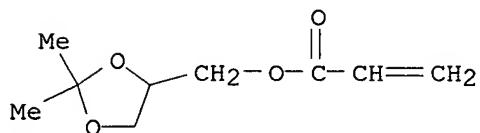


CM 6



L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 2-Propenoic acid, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester, polymer
with oxirane, graft (9CI)
MF (C9 H14 O4 . C2 H4 O)x
CI PMS, COM

CM 1



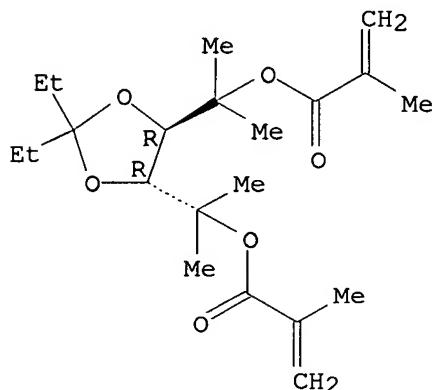
CM 2



L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN L-threo-Hexitol, 1,6-dideoxy-3,4-O-(1-ethylpropylidene)-2,5-di-C-methyl-,
bis(2-methyl-2-propenoate), homopolymer, isotactic (9CI)
MF (C21 H34 O6)x
CI PMS

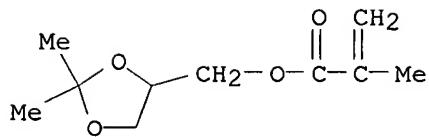
CM 1

Absolute stereochemistry. Rotation (-).



L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,
polymer with silicic acid, graft (9CI)
MF (C10 H16 O4 . Unspecified)x
CI PMS

CM 1

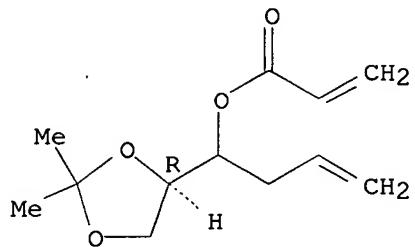


CM 2

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, 1-[(4R)-2,2-dimethyl-1,3-dioxolan-4-yl]-3-buten-1-yl
 ester
 MF C12 H18 O4

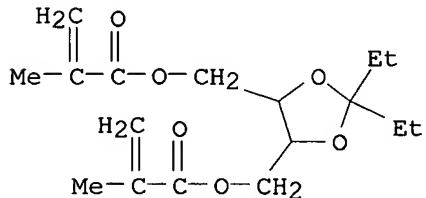
Absolute stereochemistry.



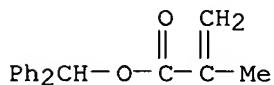
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, (2,2-diethyl-1,3-dioxolane-4,5-diyil)bis(methylene) ester, polymer with diphenylmethyl
 2-methyl-2-propenoate (9CI)
 MF (C17 H26 O6 . C17 H16 O2)x
 CI PMS

CM 1

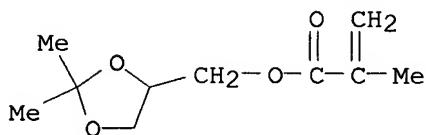


CM 2

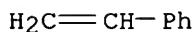


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,
 polymer with ethenylbenzene (9CI)
 MF (C10 H16 O4 . C8 H8)x
 CI PMS

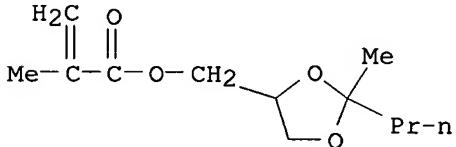
CM 1



CM 2



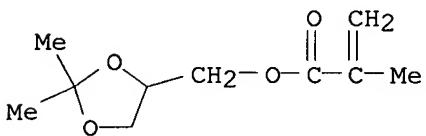
L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, (2-methyl-2-propyl-1,3-dioxolan-4-yl)methyl
 ester (9CI)
 MF C12 H20 O4
 CI COM



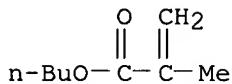
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, butyl ester, polymer with
 (2,2-dimethyl-1,3-dioxolan-4-yl)methyl 2-methyl-2-propenoate, block (9CI)
 MF (C10 H16 O4 . C8 H14 O2)x
 CI PMS

CM 1



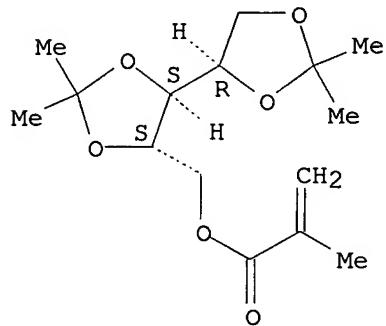
CM 2



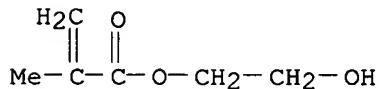
L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Xylitol, 1,2:3,4-bis-O-(1-methylethylidene)-, 2-methyl-2-propenoate, polymer with 1,2-ethanediyl bis(2-methyl-2-propenoate), 2-hydroxyethyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate (9CI)
 MF (C15 H24 O6 . C10 H14 O4 . C6 H10 O3 . C5 H8 O2)x
 CI PMS

CM 1

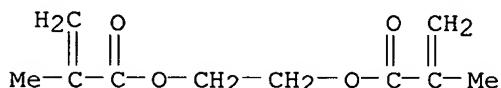
Relative stereochemistry.



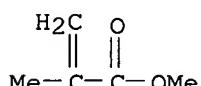
CM 2



CM 3



CM 4

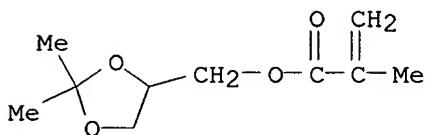
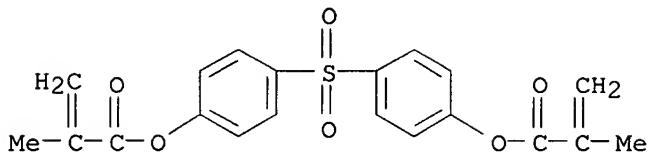


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester, polymer with 2-hydroxyethyl 2-methyl-2-propenoate, methyl 2-methyl-2-propenoate and sulfonyldi-4,1-phenylene bis(2-methyl-2-

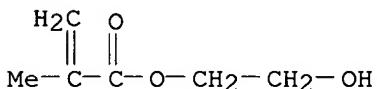
propenoate) (9CI)

MF (C₂₀ H₁₈ O₆ S . C₁₀ H₁₆ O₄ . C₆ H₁₀ O₃ . C₅ H₈ O₂)_x
CI PMS

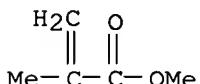
CM 1



CM 3



CM 4

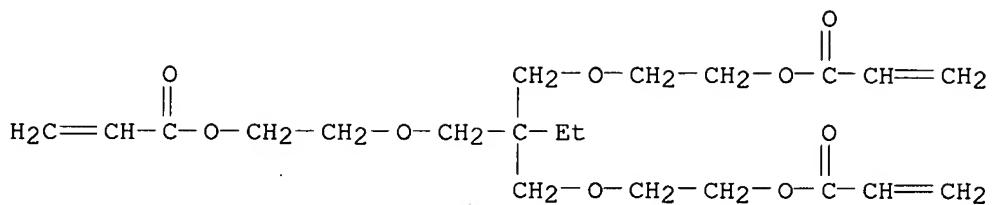


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

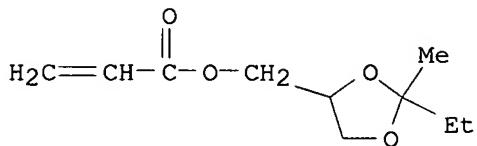
IN 2-Propenoic acid, [2-ethyl-2-[(2-[(1-oxo-2-propenyl)oxy]ethoxy)methyl]-1,3-propanediyl]bis(oxy-2,1-ethanediyl) ester, polymer with (chloromethyl)oxirane polymer with 4,4'-(1-methylethylidene)bis[phenol] di-2-propenoate, and (2-ethyl-2-methyl-1,3-dioxolan-4-yl)methyl 2-propenoate (9CI)

MF (C₂₁ H₃₂ O₉ . (C₁₅ H₁₆ O₂ . C₃ H₅ Cl O)_x . C₁₀ H₁₆ O₄ . 2 C₃ H₄ O₂)_x
CI PMS

CM 1

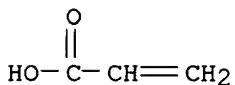


CM 2



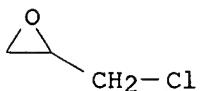
CM 3

CM 4

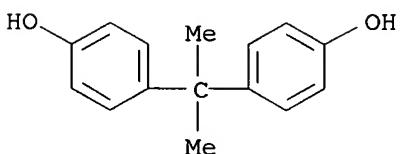


CM 5

CM 6

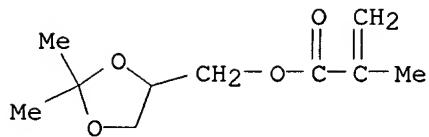


CM 7

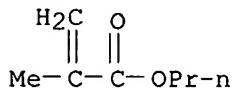


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,
 polymer with propyl 2-methyl-2-propenoate (9CI)
 MF (C₁₀ H₁₆ O₄ . C₇ H₁₂ O₂)_x
 CI PMS

CM 1



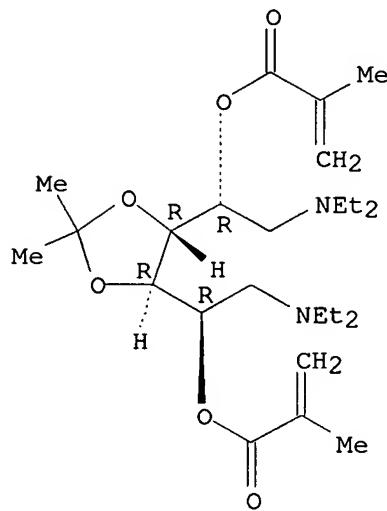
CM 2



L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-Mannitol, 1,6-dideoxy-1,6-bis(diethylamino)-3,4-O-(1-methylethylidene)-, 2,5-bis(2-methyl-2-propenoate), homopolymer (9CI)
 MF (C25 H44 N2 O6)x
 CI PMS

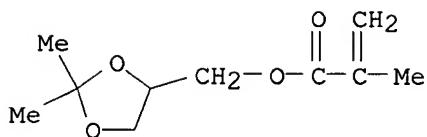
CM 1

Absolute stereochemistry.

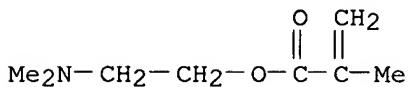


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymer with (2,2-dimethyl-1,3-dioxolan-4-yl)methyl 2-methyl-2-propenoate (9CI)
 MF (C10 H16 O4 . C8 H15 N O2)x
 CI PMS

CM 1

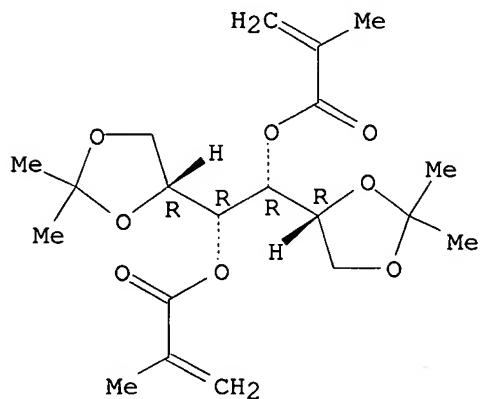


CM 2



L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-Mannitol, 1,2:5,6-bis-O-(1-methylethylidene)-, bis(2-methyl-2-propenoate) (9CI)
 MF C20 H30 O8
 CI COM

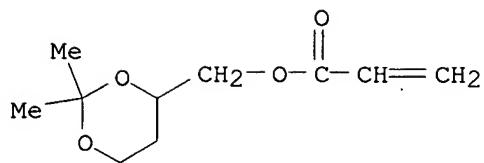
Absolute stereochemistry.



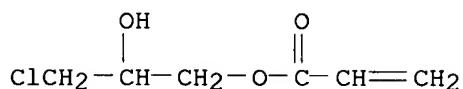
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, 3-chloro-2-hydroxypropyl ester, polymer with
 (2,2-dimethyl-1,3-dioxan-4-yl)methyl 2-propenoate (9CI)
 MF (C10 H16 O4 . C6 H9 Cl O3)x
 CI PMS

CM 1

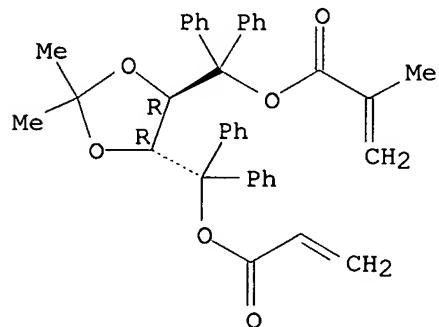


CM 2



L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 2-Propenoic acid, 2-methyl-, [(4R,5R)-2,2-dimethyl-5-[(1-oxo-2-
MF propenyl)oxy]diphenylmethyl]-1,3-dioxolan-4-yl]diphenylmethyl ester (9CI)
C38 H36 O6

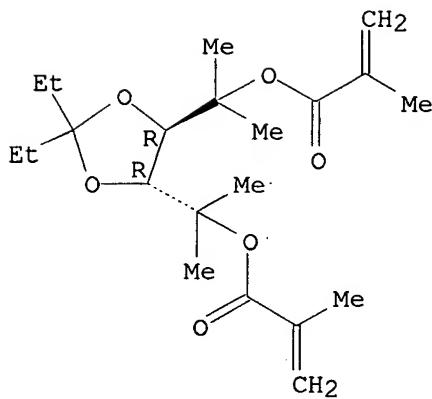
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN L-threo-Hexitol, 1,6-dideoxy-3,4-O-(1-ethylpropylidene)-2,5-di-C-methyl-,
bis(2-methyl-2-propenoate) (9CI)
MF C21 H34 O6
CI COM

Absolute stereochemistry. Rotation (-).



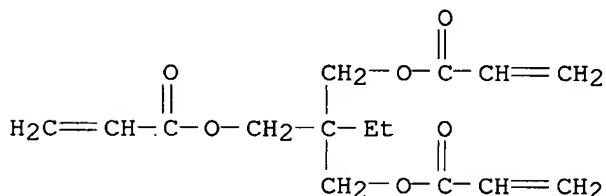
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, 2-(diethylamino)ethyl ester, polymer with
 Aronix M 6420X, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl 2-propenoate and
 2-ethyl-2-[(1-oxo-2-propenyl)oxy]methyl-1,3-propanediyl di-2-propenoate
 (9CI)
 MF (C15 H20 O6 . C10 H19 N O2 . C9 H14 O4 . Unspecified)x
 CI PMS

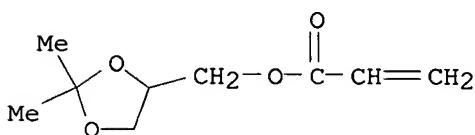
CM 1

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

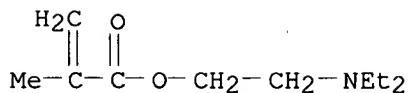
CM 2



CM 3



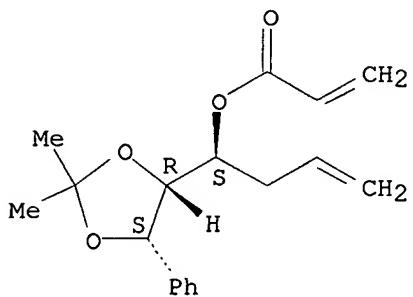
CM 4



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):20

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, (1S)-1-[(4R,5S)-2,2-dimethyl-5-phenyl-1,3-dioxolan-4-yl]-
 3-buten-1-yl ester
 MF C18 H22 O4

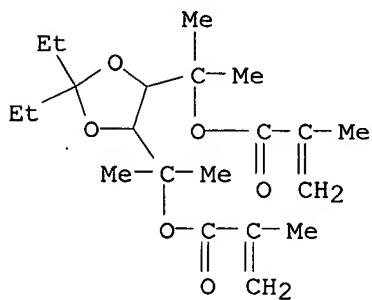
Absolute stereochemistry. Rotation (+).



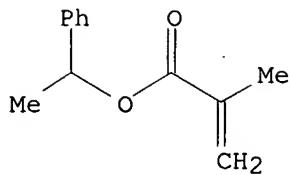
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Hexitol, 1,6-dideoxy-3,4-O-(1-ethylpropylidene)-2,5-di-C-methyl-,
 bis(2-methyl-2-propenoate), polymer with 1-phenylethyl
 2-methyl-2-propenoate (9CI)
 MF (C21 H34 O6 . C12 H14 O2)x
 CI PMS

CM 1

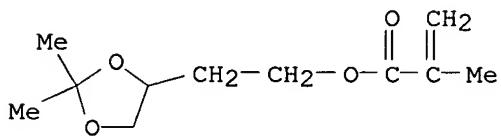


CM 2

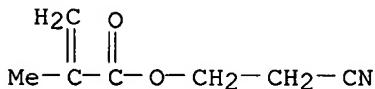


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, 2-cyanoethyl ester, polymer with
 2-(2,2-dimethyl-1,3-dioxolan-4-yl)ethyl 2-methyl-2-propenoate (9CI)
 MF (C11 H18 O4 . C7 H9 N O2)x
 CI PMS

CM 1

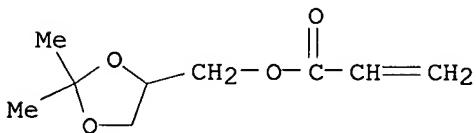


CM 2

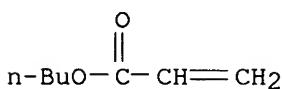


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, butyl ester, polymer with (2,2-dimethyl-1,3-dioxolan-4-yl)methyl 2-propenoate (9CI)
 MF (C9 H14 O4 . C7 H12 O2)x
 CI PMS

CM 1



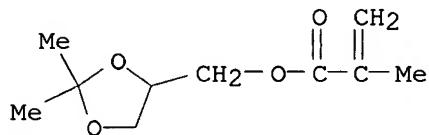
CM 2



L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester, polymer with ethenylbenzene, 2,5-furandione and 2-methylpropyl 2-propenoate (9CI)
 MF (C10 H16 O4 . C8 H8 . C7 H12 O2 . C4 H2 O3)x
 CI PMS, COM

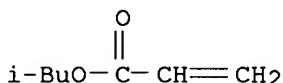
CM 1



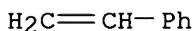
CM 2



CM 3



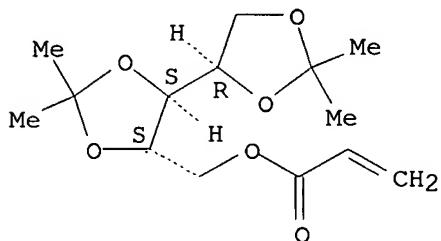
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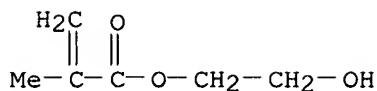
L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Xylitol, 1,2:3,4-bis-O-(1-methylethyldene)-, 2-propenoate, polymer with 1,2-ethanediyl bis(2-methyl-2-propenoate), 2-hydroxyethyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate (9CI)
 MF (C14 H22 O6 . C10 H14 O4 . C6 H10 O3 . C5 H8 O2)x
 CI PMS

CM 1

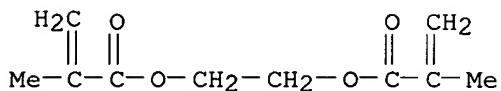
Relative stereochemistry.



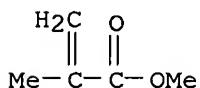
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CM 3

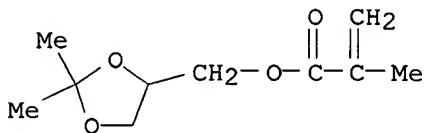


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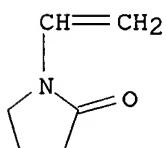


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,
polymer with 1-ethenyl-2-pyrrolidinone and methyl 2-methyl-2-propenoate
(9CI)
MF (C10 H16 O4 . C6 H9 N O . C5 H8 O2)x
CI PMS

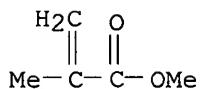
CM 1



CM 2

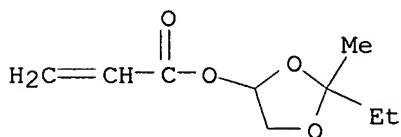


CM 3

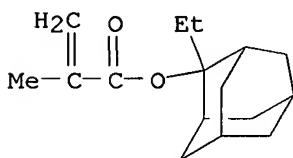


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 2-Propenoic acid, 2-methyl-, 2-ethyltricyclo[3.3.1.13,7]dec-2-yl ester,
polymer with 2-ethyl-2-methyl-1,3-dioxolan-4-yl 2-propenoate and
3-hydroxytricyclo[3.3.1.13,7]dec-1-yl 2-methyl-2-propenoate (9CI)
MF (C16 H24 O2 . C14 H20 O3 . C9 H14 O4)x
CI PMS

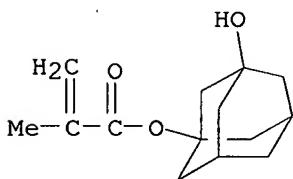
CM 1



CM . 2

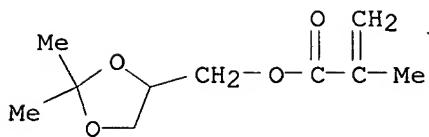


CM 3

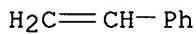


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,
polymer with ethenylbenzene, block (9CI)
MF (C10 H16 O4 . C8 H8)x
CI PMS

CM 1

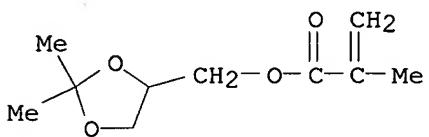


CM 2

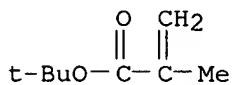


L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester,
 polymer with 1,1-dimethylethyl 2-methyl-2-propenoate and 2-propenyl
 2-methyl-2-propenoate (9CI)
 MF (C10 H16 O4 . C8 H14 O2 . C7 H10 O2)x
 CI PMS

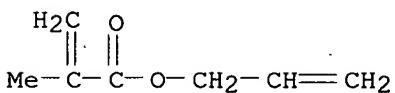
CM 1



CM 2

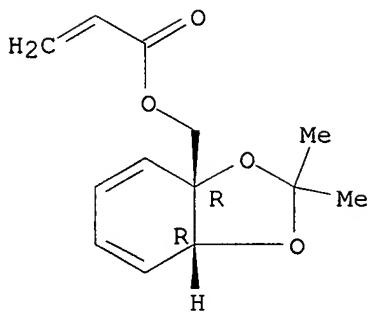


CM 3



L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, [(3aR,7aR)-2,2-dimethyl-1,3-benzodioxol-3a(7aH)-
 yl]methyl ester (9CI)
 MF C13 H16 O4

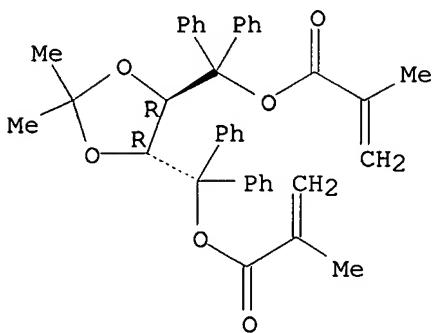
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, [(4S,5S)-2,2-dimethyl-1,3-dioxolane-4,5-diyyl]bis(diphenylmethylene) ester (9CI)
 MF C39 H38 O6
 CI COM

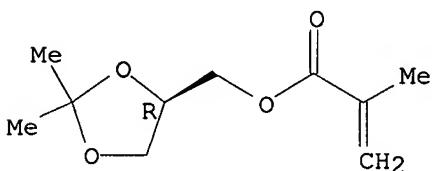
Absolute stereochemistry. Rotation (-).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, [(4R)-2,2-dimethyl-1,3-dioxolan-4-yl]methyl ester (9CI)
 MF C10 H16 O4
 CI COM

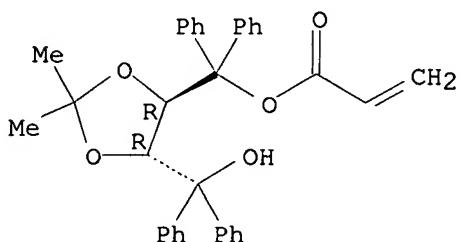
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 2-Propenoic acid, [(4R,5R)-5-(hydroxydiphenylmethyl)-2,2-dimethyl-1,3-dioxolan-4-yl]diphenylmethyl ester (9CI)
MF C34 H32 O5

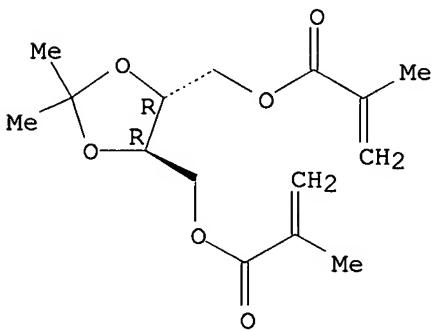
Absolute stereochemistry. Rotation (-).



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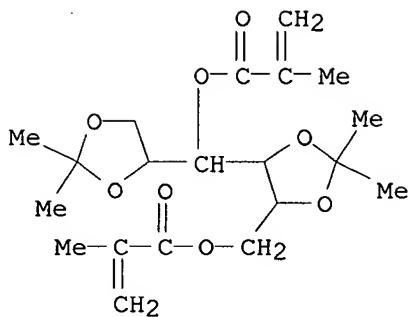
L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN 2-Propenoic acid, 2-methyl-, (2,2-dimethyl-1,3-dioxolane-4,5-diyl)bis(methylene) ester, (4R-trans)- (9CI)
MF C15 H22 O6
CI COM

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

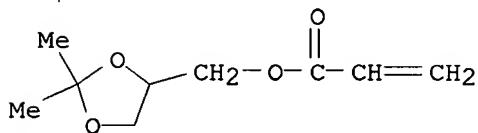
L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Galactitol, 1,2:4,5-bis-O-(1-methylethylidene)-, bis(2-methyl-2-propenoate) (9CI)
MF C20 H30 O8



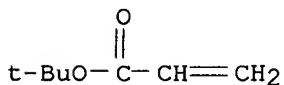
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester, polymer
 with 1,1-dimethylethyl 2-propenoate and 2-hydroxyethyl 2-propenoate, block
 (9CI)
 MF (C9 H14 O4 . C7 H12 O2 . C5 H8 O3)x
 CI PMS

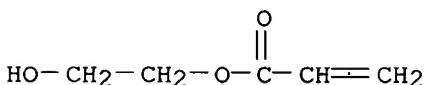
CM 1



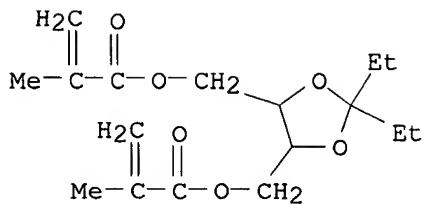
CM 2



CM 3



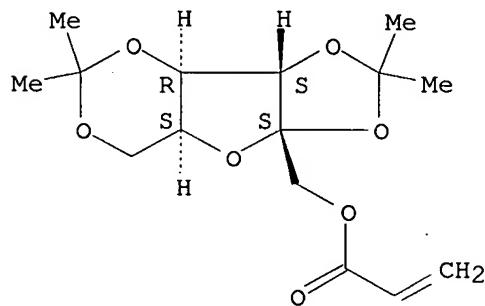
L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, 2-methyl-, (2,2-diethyl-1,3-dioxolane-4,5-diyyl)bis(methylene) ester (9CI)
 MF C17 H26 O6
 CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN α -L-Sorbofuranose, 2,3:4,6-bis-O-(1-methylethylidene)-, 2-propenoate
 (9CI)
 MF C15 H22 O7
 CI COM

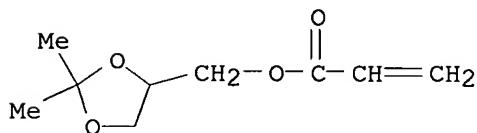
Absolute stereochemistry.



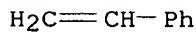
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 265 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Propenoic acid, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester, polymer
 with ethenylbenzene (9CI)
 MF (C9 H14 O4 . C8 H8)x
 CI PMS

CM 1



CM 2



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> save temp 13 rawfnds/a
ANSWER SET L3 HAS BEEN SAVED AS 'RAWFND/A'

=> file caplus			
COST IN U.S. DOLLARS		SINCE FILE	TOTAL
		ENTRY	SESSION
FULL ESTIMATED COST		173.90	174.11

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FILE LAST UPDATED: 13 Jun 2007 (20070613/ED)

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=> 13
L4 203 L3

=> ion exchange
1206678 ION
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1595277 ION
(ION OR IONS)
580521 EXCHANGE
17561 EXCHANGES
588999 EXCHANGE
(EXCHANGE OR EXCHANGES)
L5 139554 ION EXCHANGE
(ION (W) EXCHANGE)

=> 14 and 15
L6 4 L4 AND L5

=> d 16 1-4 ti fbib abs

L6 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
TI Telechelic oligo(2,3-dihydroxypropyl methacrylate acetonide)s with aldehyde end functionality prepared by ozonolytic cleavage of poly(2,3-dihydroxypropan-1-methacrylate acetonide-stat-butadiene), prepared by monomer starve-fed emulsion polymerization
AN 2004:164927 CAPLUS
DN 141:71896
TI Telechelic oligo(2,3-dihydroxypropyl methacrylate acetonide)s with aldehyde end functionality prepared by ozonolytic cleavage of

poly(2,3-dihydroxypropan-1-methacrylate acetonide-stat-butadiene),
 prepared by monomer starve-fed emulsion polymerization
 AU Liu, Zufang; Ebdon, John; Rimmer, Stephen
 CS Department of Chemistry (The Polymer Centre), Polymer and Biomaterials
 Chemistry Laboratories, University of Sheffield, Sheffield, S3 7HF, UK
 SO Reactive & Functional Polymers (2004), 58(3), 213-224
 CODEN: RFPOF6; ISSN: 1381-5148
 PB Elsevier Science B.V.
 DT Journal
 LA English
 AB Telechelic oligomers with dialdehyde end groups and 2,3-dihydroxypropan-1-methacrylate acetonide repeat units were prepared by the ozonolytic cleavage of poly(2,3-dihydroxypropan-1-methacrylate acetonide-stat-butadiene) copolymers. The latter were prepared by monomer starve-fed emulsion polymerization
 at elevated temps. and at atmospheric pressure. In contrast to similar copolymers of Me and Bu methacrylate these polymers generated a gel fraction as well as the usual soluble copolymer. However, following ozonolysis and work up with di-Me sulfide the whole reaction mixture became soluble. Impurities derived from oligomers with carboxylic acid end groups were removed by preparative ion exchange with a strong base ion exchange resin. The oligomers have potential applications as components of amphiphilic networks.

RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
 TI Preparation of polymerizable diol from ketal compound with immobilized acid catalyst
 AN 2000:756657 CAPLUS
 DN 133:335625
 TI Preparation of polymerizable diol from ketal compound with immobilized acid catalyst
 IN Holdstock, Barry Charles; Glasbey, Trevor Owen
 PA Hydron Ltd., UK
 SO PCT Int. Appl., 28 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			GB 1999-8808	A 19990416
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EP	1171411	B1	20050112		
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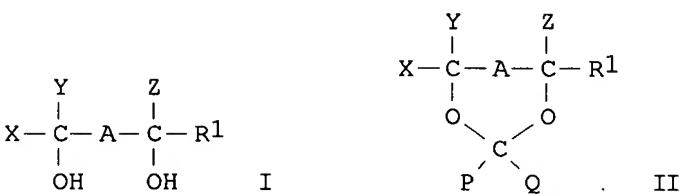
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PATENT FAMILY INFORMATION:

FAN 2000:756656

PATENT NO.		KIND	DATE	APPLICATION NO.	DATE
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				GB 1999-8806	A 19990416
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US	2002042546	A1	20020411	US 2001-977881	20011015
US	6610895	B2	20030826		
				GB 1999-8806	A 19990416
				GB 1999-8808	A 19990416
				WO 2000-GB765	W 20000303

GI



AB The polymerizable monomer I (such as glycerin methacrylate) is prepared by

contacting a compound II [such as (2,2-dimethyl-1,3-dioxolan-4-yl)methyl methacrylate] with an immobilized acid (such as an ion exchange resin), wherein X, Y, Z, R1, P and Q are independently selected from a hydrocarbon group or hydrogen and wherein A is $(CH_2)_n$ wherein n is 0 or 1, and neutralizing the product to form crosslinking.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
TI Preparation of polymerizable diol from ketal compound with immobilized acid
AN 2000:756656 CAPLUS
DN 133:335624
TI Preparation of polymerizable diol from ketal compound with immobilized acid
IN Holstock, Barry C.; Glasbey, Trevor Owen
PA Hydron Ltd., UK
SO PCT Int. Appl., 31 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000063149	A1	20001026	WO 2000-GB765	20000303
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			GB 1999-8806	A 19990416
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			GB 1999-8806	19990416
GB	2348878	A	20001018	GB 1999-8806	20000303
GB	2348878	B	20040218		
CA	2367028	A1	20001026	CA 2000-2367028	A 19990416
				GB 1999-8806	WO 2000-GB765
EP	1171410	A1	20020116	EP 2000-907783	W 20000303
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	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			GB 1999-8806	A 19990416
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				WO 2000-GB765	W 20000303
US	2002042546	A1	20020411	US 2001-977881	20011015
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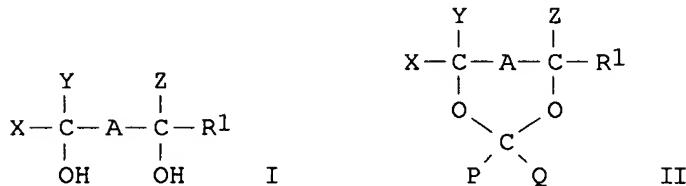
PATENT FAMILY INFORMATION:

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 IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
 MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
 SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
 DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 GB 2348879 A 20001018 GB 1999-8808 A 19990416
 GB 2348879 B 20040331 GB 1999-8808 19990416
 CA 2367370 A1 20001026 CA 2000-2367370 20000303
 GB 1999-8808 A 19990416
 WO 2000-GB780 W 20000303
 EP 1171411 A1 20020116 EP 2000-907794 20000303
 EP 1171411 B1 20050112
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO
 GB 1999-8808 A 19990416
 WO 2000-GB780 W 20000303
 JP 2002542216 T 20021210 JP 2000-612247 20000303
 GB 1999-8808 A 19990416
 WO 2000-GB780 W 20000303
 AT 286869 T 20050115 AT 2000-907794 20000303
 GB 1999-8808 A 19990416
 WO 2000-GB780 W 20000303
 US 2002042549 A1 20020411 US 2001-977880 20011015
 GB 1999-8808 A 19990416
 WO 2000-GB780 W 20000303

OS MARPAT 133:335624
GI



AB The polymerizable monomer I (such as glycerin methacrylate) is prepared by contacting a compound II [such as (2,2-dimethyl-1,3-dioxolan-4-yl)methyl methacrylate] with an immobilized acid (such as an ion exchange resin), wherein X, Y, Z, R1, P and Q are independently selected from a hydrocarbon group or hydrogen and wherein A is $(CH_2)_n$ wherein n is 0 or 1.

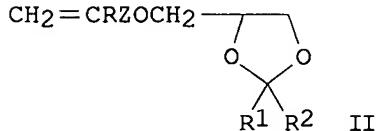
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
 TI Unsaturated compounds having 1,3-dioxolane rings
 AN 1986:168451 CAPLUS
 DN 104:168451
 TI Unsaturated compounds having 1,3-dioxolane rings
 IN Shimizu, Yoshiji; Fukuda, Masao
 PA Shimizu, Shoji, Inc., Japan
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 60208974	A	19851021	JP 1984-64895 JP 1984-64895	19840331 19840331

GI



AB Treating glycidyl (meth)acrylate or (meth)allyl glycidyl ether with a lower aliphatic ketone, in the presence of silicotungstic acid (I), phosphotungstic acid, polyphosphoric acids, F₃CSO₃H, or strongly acidic ion exchange resins, gave the dithiolanes II (R = H, Me; R₁, R₂ = lower alkyl; Z = CH₂, CO), which could be polymerized to give modifiers for adhesives, photosensitive materials, etc. Thus, glycidyl methacrylate was added dropwise (in 1 h) to acetone containing I at $\leq 50^\circ$ and the resulting solution neutralized to give 85% II (R = R₁ = R₂ = Me; Z = CO).

=>

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	41.93	216.04
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.12	-3.12

FILE 'REGISTRY' ENTERED AT 08:18:59 ON 15 JUN 2007
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 14 JUN 2007 HIGHEST RN 937362-79-3
DICTIONARY FILE UPDATES: 14 JUN 2007 HIGHEST RN 937362-79-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> e glycidyl methacrylate/cn

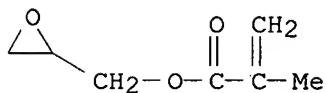
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E2 1 GLYCIDYL MESYLATE/CN
E3 1 --> GLYCIDYL METHACRYLATE/CN
E4 1 GLYCIDYL METHACRYLATE BENZALDEHYDE ACETAL/CN
E5 1 GLYCIDYL METHACRYLATE COPOLYMER WITH ETHYLENE DIMETHACRYLATE/CN
E6 1 GLYCIDYL METHACRYLATE HOMOPOLYMER/CN
E7 1 GLYCIDYL METHACRYLATE HOMOPOLYMER 2,4-DINITROBENZOATE/CN
E8 1 GLYCIDYL METHACRYLATE HOMOPOLYMER 2-THIOPHENECARBOXYLATE/CN
E9 1 GLYCIDYL METHACRYLATE HOMOPOLYMER 3,5-DINITRO-P-TOLUATE/CN
E10 1 GLYCIDYL METHACRYLATE HOMOPOLYMER 3,5-DINITROBENZOATE/CN
E11 1 GLYCIDYL METHACRYLATE HOMOPOLYMER 3-CARBOXYDIPHENYL SULFIDE ESTER/CN
E12 1 GLYCIDYL METHACRYLATE HOMOPOLYMER 4-IODOBENZOATE/CN

=> e3

L7 1 "GLYCIDYL METHACRYLATE"/CN

=> d 17

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
RN 106-91-2 REGISTRY
ED Entered STN: 16 Nov 1984
CN 2-Propenoic acid, 2-methyl-, 2-oxiranylmethyl ester (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2-Propenoic acid, 2-methyl-, oxiranylmethyl ester (9CI)
CN Methacrylic acid, 2,3-epoxypropyl ester (6CI, 7CI, 8CI)
OTHER NAMES:
CN (±)-Glycidyl methacrylate
CN 2,3-Epoxypropyl methacrylate
CN 2-Methylacrylic acid oxiranylmethyl ester
CN 2-[(Methacryloyloxy)methyl]oxirane
CN 3-Methacryloyloxy-1,2-epoxypropane
CN Acryester G
CN Blemmer G
CN Blemmer GH-LC
CN Blemmer GMA
CN Blemmer GP
CN Blemmer GS
CN Epoxypropyl methacrylate
CN Glycidol methacrylate
CN Glycidyl α-methylacrylate
CN Glycidyl methacrylate
CN Light Ester G
CN Methacryloyloxymethyloxirane
CN NSC 24156
CN NSC 67195
CN Sartomer 379
CN SR 379
CN SY-Monomer G
DR 865699-83-8, 122785-80-2, 126872-19-3, 55279-88-4, 96778-02-8, 98104-93-9, 89678-75-1, 117955-24-5, 169957-95-3, 201732-55-0, 203300-26-9, 210093-72-4
MF C7 H10 O3
CI COM
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DETHERM*, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, ULIDAT, USPAT2, USPATFULL, VTB
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5223 REFERENCES IN FILE CA (1907 TO DATE)
 2566 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 5231 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 28 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> e glyceryl methacrylate/cn

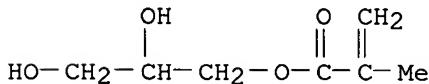
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 E2 1 GLYCERYL MARGARATE/CN
 E3 1 --> GLYCERYL METHACRYLATE/CN
 E4 1 GLYCERYL METHACRYLATE HOMOPOLYMER/CN
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 E6 1 GLYCERYL METHACRYLATE POLYMER/CN
 E7 1 GLYCERYL METHACRYLATE-2-HYDROXYETHYL METHACRYLATE COPOLYMER/CN
 E8 1 GLYCERYL METHACRYLATE-GLYCIDYL METHACRYLATE COPOLYMER/CN
 E9 1 GLYCERYL METHACRYLATE-HYDROXYETHYL METHACRYLATE COPOLYMER/CN
 E10 1 GLYCERYL METHACRYLATE-METHACROLEIN COPOLYMER/CN
 E11 1 GLYCERYL METHACRYLATE-METHACRYLIC ANHYDRIDE-PENTAERYTHRITOL-TRIMELLITIC ANHYDRIDE COPOLYMER/CN
 E12 1 GLYCERYL METHACRYLATE-METHYL METHACRYLATE COPOLYMER/CN

=> e3

L8 1 "GLYCERYL METHACRYLATE"/CN

=> d 18

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 5919-74-4 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 2-Propenoic acid, 2-methyl-, 2,3-dihydroxypropyl ester (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Methacrylic acid, 2,3-dihydroxypropyl ester (6CI)
 CN Methacrylin, 1-mono- (8CI)
 OTHER NAMES:
 CN 2,3-Dihydroxypropyl methacrylate
 CN Glyceryl methacrylate
 DR 543689-70-9, 96614-21-0, 201594-54-9, 205515-17-9, 313344-18-2,
 338445-53-7
 MF C7 H12 O4
 CI COM
 LC STN Files: BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT,
 CHEMCATS, CHEMLIST, CIN, CSCHEM, EMBASE, IFICDB, IFIUDB, MEDLINE, PROMT,
 TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

141 REFERENCES IN FILE CA (1907 TO DATE)
40 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
141 REFERENCES IN FILE CAPLUS (1907 TO DATE)
3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	16.05	232.09
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-3.12

FILE 'CAPLUS' ENTERED AT 08:22:01 ON 15 JUN 2007

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FILE LAST UPDATED: 13 Jun 2007 (20070613/ED)

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=> 18/prep

141 L8
4417183 PREP/RL
L9 53 L8/PREP
(L8 (L) PREP/RL)

=> d his

(FILE 'HOME' ENTERED AT 07:45:51 ON 15 JUN 2007)

FILE 'REGISTRY' ENTERED AT 08:00:06 ON 15 JUN 2007

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L2 12 SEARCH L1 SSS SAM
L3 265 SEARCH L1 SSS FULL
SAVE TEMP L3 RAWFNDS/A

FILE 'CAPLUS' ENTERED AT 08:03:01 ON 15 JUN 2007

L4 203 L3
L5 139554 ION EXCHANGE
L6 4 L4 AND L5

FILE 'REGISTRY' ENTERED AT 08:18:59 ON 15 JUN 2007
E GLYCIDYL METHACRYLATE/CN

L7 1 E3
E GLYCERYL METHACRYLATE/CN
L8 1 E3

FILE 'CPLUS' ENTERED AT 08:22:01 ON 15 JUN 2007
L9 53 L8/PREP

=> 15 and 19
L10 2 L5 AND L9

=> d 110 1-2 ti fbib abs

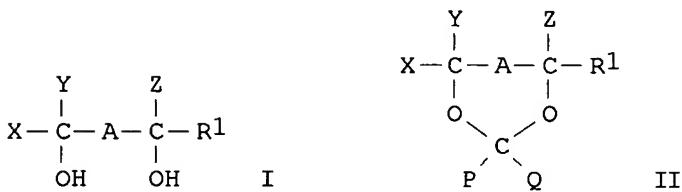
L10 ANSWER 1 OF 2 CPLUS COPYRIGHT 2007 ACS on STN
TI Preparation of polymerizable diol from ketal compound with immobilized
acid catalyst
AN 2000:756657 CPLUS
DN 133:335625
TI Preparation of polymerizable diol from ketal compound with immobilized
acid catalyst
IN Holdstock, Barry Charles; Glasbey, Trevor Owen
PA Hydron Ltd., UK
SO PCT Int. Appl., 28 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000063150	A1	20001026	WO 2000-GB780	20000303
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				WO 2000-GB780	W 20000303
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				GB 1999-8808	A 19990416
				WO 2000-GB780	W 20000303

PATENT FAMILY INFORMATION:

FAN	2000:756656	KIND	DATE	APPLICATION NO.	DATE
PATENT NO.					
PI	WO 2000063149	A1	20001026	WO 2000-GB765	20000303
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RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG					
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GB 2348878		B	20040218	GB 1999-8806	19990416
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EP 1171410		A1	20020116	EP 2000-907783	20000303
EP 1171410		B1	20041208		
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JP 2002542215		T	20021210	GB 1999-8806	A 19990416
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AT 284377		T	20041215	AT 2000-907783	20000303
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US 2002042546		A1	20020411	US 2001-977881	20011015
US 6610895		B2	20030826		
				GB 1999-8806	A 19990416
				GB 1999-8808	A 19990416
				WO 2000-GB765	W 20000303

GI



AB The polymerizable monomer I (such as glycerin methacrylate) is prepared by contacting a compound II [such as (2,2-dimethyl-1,3-dioxolan-4-yl)methyl methacrylate] with an immobilized acid (such as an ion exchange resin), wherein X, Y, Z, R1, P and Q are independently selected from a hydrocarbon group or hydrogen and wherein A is $(CH_2)_n$ wherein n is 0 or 1, and neutralizing the product to form crosslinking.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
TI Preparation of polymerizable diol from ketal compound with immobilized acid
AN 2000:756656 CAPLUS
DN 133:335624

TI Preparation of polymerizable diol from ketal compound with immobilized acid
 IN Holstock, Barry C.; Glasbey, Trevor Owen
 PA Hydron Ltd., UK
 SO PCT Int. Appl., 31 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000063149	A1	20001026	WO 2000-GB765	20000303
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	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			GB 1999-8806	19990416
GB	2348878	A	20001018	GB 1999-8806	20000303
GB	2348878	B	20040218		
CA	2367028	A1	20001026	CA 2000-2367028	19990416
				GB 1999-8806	20000303
				WO 2000-GB765	W 20000303
EP	1171410	A1	20020116	EP 2000-907783	20000303
EP	1171410	B1	20041208		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			GB 1999-8806	A 19990416
				WO 2000-GB765	W 20000303
JP	2002542215	T	20021210	JP 2000-612246	20000303
				GB 1999-8806	A 19990416
				WO 2000-GB765	W 20000303
AT	284377	T	20041215	AT 2000-907783	20000303
				GB 1999-8806	A 19990416
				WO 2000-GB765	W 20000303
US	2002042546	A1	20020411	US 2001-977881	20011015
US	6610895	B2	20030826		
				GB 1999-8806	A 19990416
				GB 1999-8808	A 19990416
				WO 2000-GB765	W 20000303

PATENT FAMILY INFORMATION:

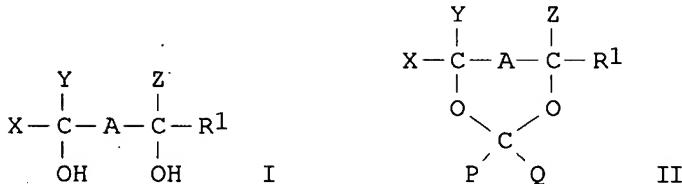
FAN 2000:756657

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000063150	A1	20001026	WO 2000-GB780	20000303
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	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			GB 1999-8808	19990416
GB	2348879	A	20001018	GB 1999-8808	20000303
GB	2348879	B	20040331		
CA	2367370	A1	20001026	CA 2000-2367370	19990416
				GB 1999-8808	A 20000303

EP 1171411	A1	20020116	WO 2000-GB780	W 20000303
EP 1171411	B1	20050112	EP 2000-907794	20000303
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			WO 2000-GB780	W 20000303
JP 2002542216	T	20021210	JP 2000-612247	20000303
			GB 1999-8808	A 19990416
			WO 2000-GB780	W 20000303
AT 286869	T	20050115	AT 2000-907794	20000303
			GB 1999-8808	A 19990416
US 2002042549	A1	20020411	WO 2000-GB780	W 20000303
			US 2001-977880	20011015
			GB 1999-8808	A 19990416
			WO 2000-GB780	W 20000303

OS MARPAT 133:335624

GI



AB The polymerizable monomer I (such as glycerin methacrylate) is prepared by contacting a compound II [such as (2,2-dimethyl-1,3-dioxolan-4-yl)methyl methacrylate] with an immobilized acid (such as an ion exchange resin), wherein X, Y, Z, R1, P and Q are independently selected from a hydrocarbon group or hydrogen and wherein A is $(\text{CH}_2)_n$ wherein n is 0 or 1.

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 07:45:51 ON 15 JUN 2007)

FILE 'REGISTRY' ENTERED AT 08:00:06 ON 15 JUN 2007

L1 STRUCTURE UPLOADED
L2 12 SEARCH L1 SSS SAM
L3 265 SEARCH L1 SSS FULL
SAVE TEMP L3 RAWFNDS/A

FILE 'CAPLUS' ENTERED AT 08:03:01 ON 15 JUN 2007

L4 203 L3
L5 139554 ION EXCHANGE
L6 4 L4 AND L5

FILE 'REGISTRY' ENTERED AT 08:18:59 ON 15 JUN 2007

L7 1 E3
E GLYCIDYL METHACRYLATE/CN
L8 1 E3
E GLYCERYL METHACRYLATE/CN

FILE 'CAPLUS' ENTERED AT 08:22:01 ON 15 JUN 2007

L9 53 L8/PREP

L10 2 L5 AND L9

=> dioxolane
15592 DIOXOLANE
2221 DIOXOLANES
L11 16112 DIOXOLANE
(DIOXOLANE OR DIOXOLANES)

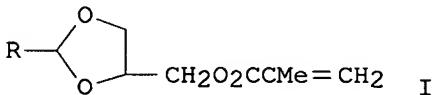
=> 19 and 111
L12 0 L9 AND L11

=> 18
L13 141 L8

=> 113 and 111
L14 1 L13 AND L11

=> d 114 ti fbib abs

L14 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
TI 1,3-Dioxolane bearing perfume and herbicide aldehyde residues
AN 1981:497641 CAPLUS
DN 95:97641
TI 1,3-Dioxolane bearing perfume and herbicide aldehyde residues
AU Kamogawa, Hiroyoshi; Haramoto, Yuichiro; Nakazawa, Terumi; Sugiura, Harumitsu; Nanasawa, Masato
CS Dep. Appl. Chem., Yamanashi Univ., Kofu, 400, Japan
SO Bulletin of the Chemical Society of Japan (1981), 54(5), 1577-8
CODEN: BCSJA8; ISSN: 0009-2673
DT Journal
LA English
OS CASREACT 95:97641
GI



AB 4-Methacryloyloxyethyl-1,3-dioxolanes I substituted with perfume and herbicide aldehyde residues were synthesized either by acetalization or by transacetalization involving HOCH2CH(OH)CH2O2CMe:CH2. The effect of the 2-substituent of the dioxolane ring on the rate of hydrolysis was remarkable.

=> logoff hold
COST IN U.S. DOLLARS SINCE FILE TOTAL
FULL ESTIMATED COST ENTRY SESSION
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL
CA SUBSCRIBER PRICE ENTRY SESSION

FULL ESTIMATED COST	SINCE FILE	TOTAL
	ENTRY	SESSION
	32.05	264.14
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-2.34	-5.46

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 08:29:05 ON 15 JUN 2007

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 08:32:16 ON 15 JUN 2007
FILE 'CAPLUS' ENTERED AT 08:32:16 ON 15 JUN 2007
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	32.05	264.14
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.34	-5.46

=> tocopherol
31700 TOCOPHEROL
9858 TOCOPHEROLS
L15 34598 TOCOPHEROL
(TOCOPHEROL OR TOCOPHEROLS)

=> acrylate
189963 ACRYLATE
37128 ACRYLATES
L16 200298 ACRYLATE
(ACRYLATE OR ACRYLATES)

=> 115(1)116
L17 62 L15(L) L16

=> polym?
L18 2281865 POLYM?

=> 117(1)118
L19 30 L17(L) L18

=> d his
(FILE 'HOME' ENTERED AT 07:45:51 ON 15 JUN 2007)

FILE 'REGISTRY' ENTERED AT 08:00:06 ON 15 JUN 2007
L1 STRUCTURE uploaded
L2 12 SEARCH L1 SSS SAM
L3 265 SEARCH L1 SSS FULL
SAVE TEMP L3 RAWFNDS/A

FILE 'CAPLUS' ENTERED AT 08:03:01 ON 15 JUN 2007
L4 203 L3
L5 139554 ION EXCHANGE
L6 4 L4 AND L5

FILE 'REGISTRY' ENTERED AT 08:18:59 ON 15 JUN 2007
E GLYCIDYL METHACRYLATE/CN
L7 1 E3
E GLYCERYL METHACRYLATE/CN
L8 1 E3

FILE 'CPLUS' ENTERED AT 08:22:01 ON 15 JUN 2007

L9 53 L8/PREP
L10 2 L5 AND L9
L11 16112 DIOXOLANE
L12 0 L9 AND L11
L13 141 L8
L14 1 L13 AND L11
L15 34598 TOCOPHEROL
L16 200298 ACRYLATE
L17 62 L15(L) L16
L18 2281865 POLYM?
L19 30 L17(L) L18

=> l13 and l19

L20 1 L13 AND L19

=> d 120 ti fbib abs

L20 ANSWER 1 OF 1 CPLUS COPYRIGHT 2007 ACS on STN
TI Color stabilization of ethylenically unsaturated monomers with tocopherols
AN 2003:58045 CPLUS
DN 138:107598
TI Color stabilization of ethylenically unsaturated monomers with tocopherols
IN Schmitt, Bardo; Knebel, Joachim; Omeis, Marianne
PA Roehm G.m.b.H. & Co. K.-G., Germany
SO PCT Int. Appl., 39 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003006417	A1	20030123	WO 2002-EP5376	20020516
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			DE 2001-10131479	A 20010629
	DE 10131479	A1	20030206	DE 2001-10131479	20010629
	DE 10131479	B4	20050519		
	AU 2002344969	A1	20030129	AU 2002-344969	20020516
				DE 2001-10131479	A 20010629
				WO 2002-EP5376	W 20020516
	EP 1399410	A1	20040324	EP 2002-743030	20020516
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			DE 2001-10131479	A 20010629
				WO 2002-EP5376	W 20020516
	CN 1511136	A	20040707	CN 2002-810504	20020516
				DE 2001-10131479	A 20010629
	JP 2004536179	T	20041202	JP 2003-512191	20020516
				DE 2001-10131479	A 20010629
				WO 2002-EP5376	W 20020516
	US 2004186311	A1	20040923	US 2003-482278	20031229
	US 7002035	B2	20060221	DE 2001-10131479	A 20010629
				WO 2002-EP5376	W 20020516
AB	The use of at least one compound from the tocopherol group (e.g.,				

α - tocopherol) for the color stabilization of ethylenically unsatd. monomers, particularly hydroxyalkyl(meth)acrylates (e.g., hydroxyethyl acrylate), which already contain at least one polymerization inhibitor (e.g., hydroquinone Me ether) for base stabilization or storage stabilization is described. Such color-stabilized and polymerization-inhibited monomers are preferably used in clear-coat and high-solids paints (no data).

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

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276.76

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

ENTRY

TOTAL

SESSION

CA SUBSCRIBER PRICE

-3.12

-6.24

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 08:37:01 ON 15 JUN 2007